

Remarks

Claims 1-3 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hansen (6,147,664). Claims 6-12 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hansen (6,147,664) in view of Hirose et al (5,032,828). Claims 4 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hansen (6,147,664) in view of Hirose et al (5,032,828) and further in view of Kikinis (5,416,610).

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1. Rejection of claims 1-3 and 5 under 35 U.S.C. 103(a):

Claims 1-3 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hansen (6,147,664) for reasons of record, as recited on pages 2 and 3 of the above-indicated Office action (part of paper no. 7).

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Response:

Claims 1-3 and 5 have been canceled, and are therefore no longer in need of consideration.

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2. Rejection of claims 6-12 and 14 under 35 U.S.C. 103(a):

Claims 6-12 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hansen (6,147,664) in view of Hirose et al (5,032,828) for reasons of record, as recited on pages 3 and 4 of the above-indicated Office action (part of paper no. 7).

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Response:

Claim 6 has been amended to overcome this rejection. Claims 7, 9, 10, and 12 have also been amended to comply with the amendments made to claim 6. Claims 8 and 11 have been canceled.

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Claim 6 has now been amended to state that the display device contains "a plurality of sensors for detecting different colors of ambient light and generating corresponding detecting signals". This limitation is supported in Fig.1B, Fig.2, and in paragraph [0019], lines 7-10. Furthermore, claim 6 has been amended to state that the display device also contains "a controller for adjusting color levels of the picture image displayed on the screen according to the detecting signals". This limitation is supported in Fig.2 and in paragraph [0022]. No new material has been added through these amendments. Therefore, based on the conditions of the ambient light, the sensors will detect the colors of the ambient light and send this information to the controller in the form of detecting signals. The controller then adjusts the color levels displayed on the screen according to the detecting signals.

On the other hand, Hansen does not detect multiple colors. As shown in Fig.7 and Fig.9, and as stated in column 15, line 39 to column 16, line 5, the light sensor 580 is used for detecting brightness of ambient light. The Brightness Voltage Signal 312 is then generated to increase or decrease the brightness of the screen according to the brightness level of the ambient light. However, Hansen does not teach detecting different colors of ambient light and adjusting color levels of the screen according to the detected values of ambient light.

Hirose et al. teaches in Fig.1 and in column 3, lines 14-23 that a photo diode 16 is used to detect color light emitted by a light emitting element 15 through a liquid

crystal panel 12. The photo diode 16 is not used to detect different colors of ambient light. Moreover, Hirose does not teach adjusting the color levels of the liquid crystal panel 12 according to detected levels of ambient light.

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Since neither Hansen nor Hirose teach the limitations of the amended claim 6, claim 6 cannot be obvious over Hansen in view of Hirose, and reconsideration of the amended claim 6 is hereby requested. Furthermore, since claims 7, 9, 10, 12, and 14 all depend on the amended claim 6, claims 7, 9, 10, 12, and 14 should all be allowed if the amended claim 6 is allowed. Therefore, reconsideration of claims 7, 9, 10, 12, and 14 is hereby requested.

15 3. Rejection of claims 4 and 13 under 35 U.S.C. 103(a):

Claims 4 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hansen (6,147,664) in view of Hirose et al (5,032,828) and further in view of Kikinis (5,416,610) for reasons of record, as recited on page 4 of the above-indicated Office action (part of paper no. 7).

Response:

Claim 4 has been canceled and is no longer in need of consideration. Claim 13 depends on the amended claim 6, and should be allowed if the amended claim 6 is allowed. Therefore, reconsideration of claim 13 is hereby requested.

Version with markings to show changes made**In the claims:**

5 Please cancel claims 1-5.

6. (Amended) A display device for a computer system comprising:
a screen for displaying a picture image for a user in front
of the screen;
10 a plurality of sensors [at least one sensor] for detecting
different colors of ambient light [emitted to a sensing
surface of the sensor] and generating [a] corresponding
detecting signals [signal]; and
15 a controller for adjusting color levels of the picture image
displayed on the screen according to the detecting
signals [signal].
7. (Amended) The display device of claim 6 wherein each of
the sensors [the sensor] is capable of detecting a
20 brightness of light emitted to [the] a sensing surface of
the sensor.

Please cancel claim 8.

- 25 9. (Amended) The display device of claim 7 wherein the
controller adjusts a brightness of the picture image
according to the detecting signals [signal].
10. (Amended) The display device of claim 9 wherein when the
30 brightness of light detected by the sensors [sensor] is
greater than a predetermined value, the controller will
correspondingly increase the brightness of the picture
image.


35 Please cancel claim 11.

12. (Amended) The display device of claim [11] 6 wherein the controller adjusts the color levels of the picture image so as to compensate for the ambient light color levels and to generate an expected picture image.

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Respectfully submitted,

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